

*Sub E3  
Cmt*  
~~APPEDNPVED (SEQ ID NO:6), EEQQEVPPDT (SEQ ID NO: 7), DGPTGEPQQE (SEQ ID NO: 8), and QENPDSSEPV (SEQ ID NO:9), and any fragment or combinations thereof that is immunologically active.~~

*PJ*  
*Cmt*  
~~10. (Amended) An isolated molecule having an amino acid sequence selected from the group consisting of APPEDNPVED (SEQ ID NO:6), EEQQEVPPDT (SEQ ID NO:7), DGPTGEPQQE (SEQ ID NO:8), and QENPDSSEPV (SEQ ID NO:9).~~

~~11. (Amended) An isolated molecule with an amino acid sequence comprising the sequence PTGEPQ.~~

*CJL E4*  
*BZ*  
~~Please add the following new claims:~~

- CJL E4*  
*BZ*  
~~19. The isolated molecule of claim 6 further defined as purified.  
20. An isolated molecule having the amino acid sequence shown in FIG. 2 (SEQ ID NO:2).~~

**REMARKS**

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**I. Status of the Claims**

Claims 6, 7, 9-11 are amended.

Claims 19 and 20 are added.

Claims 6 and 7 were found to be free of the art.

Claims 1-5, 8, 12-18 are withdrawn, reserving the right to prosecute them in a continuing application.

Claims 6, 7, 9-11, and 19-20 are pending.

**II. Change in Restriction Requirements**

Applicant notes that the examiner moved claims 17 and 18 from Group II that Applicant originally elected, to Group I. Despite preferring to prosecute claims 17 and 18 also, Applicant still elects Group II, claims 6-7, 9-11 without traverse.

**III. Claims Are Amended As the Examiner Suggested**

Claims 6, 7, 9-11 are directed to statutory subject matter, nonetheless, the modifier suggested by the examiner have been introduced by amendment. Only the modifier "isolated" is used because it is not necessary to purify the molecule to remove the rejection under 35 U.S.C. §101. However, the modifier "purified" is added as new dependent claim 17. This modifier could be added to other claims.